

24-**7**44

UNDRAPED PATTERN

18-558

GIRDER NOTES

TOP OF GIRDER TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY, EXCEPT THE OUTSIDE 2" OF GIRDER, WHICH SHALL BE TROWEL FINISHED.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS.

STATE PROJECT NUMBER

PRESTRESSING STRANDS SHALL BE 0.5" \$\phi\$ - 7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 psi AND SHALL BE FLUSH WITH THE ENDS OF THE GIRDER.

BEND EACH END OF #4 STIRRUPS 41/2' AND #6 STIRRUPS 61/2".

FOR DIAPHRAGM INSERT & CONNECTION DETAILS SEE "STEEL DIAPHRAGM" SHEET.

ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN.

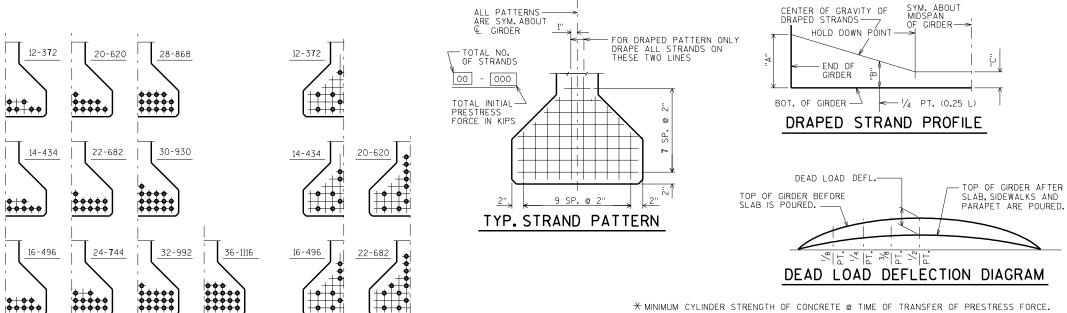
SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT, IF THE FABRICATOR WANTS TO BUILD A BAR STEEL CAGE BY WELDING LONGITUDINAL REINFORCEMENT TO THE #4 STIRRUPS, 2 OPTIONS ARE AVAILABLE:

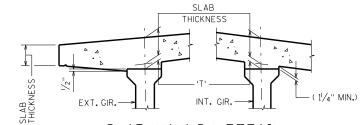
- 1. USE ASTM A706, GRADE 60 REINFORCEMENT AND THE STIRRUP SPACING AS SHOWN ON THE PLANS.
- 2. USE ASTM A615, GRADE 40 REINFORCEMENT AND A MODIFIED STIRRUP SPACING SUBMITTED TO AND APPROVED BY THE STRUCTURES DEVELOPMENT SECTION.

AN ALTERNATE EQUIVALENT OF WELDED WIRE FABRIC (WWF) MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON APPROVAL OF THE STRUCTURES DEVELOPMENT SECTION

WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ASTM A497.

ENDS OF STRANDS SHALL BE PAINTED WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (THIS APPLIES ONLY TO THOSE ENDS OF GIRDERS THAT ARE FINALLY EXPOSED.)





SLAB HAUNCH DETAIL

IF $1^1/\!\!/_4$ " MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR, THE PLAN SLAB THICKNESS SHALL BE HELD. NOTIFY BRIDGE

TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT $\mathbb Q$ OF SUBSTRUCTURE UNITS & AT $\mathcal I_{B}$ POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

- TOP OF DECK ELEV. AT FINAL GRADE
 TOP OF GIRDER ELEVATION
 + DEAD LOAD DEFLECTION
 SLAB THICKNESS

- = HAUNCH HEIGHT 'T'

								GIRDE	R DA	TΑ												
	GIRDER LENGTH "L"	DEAD LOAD DEFL.			(IN.)	CONC.		DIA. OF	DRAPED PATTERN					UNDRAPED	PATTERN	NO.	DATE		REVISION		BY	
SPAN		1/8	1/4	1	1/2	STRGTH. f'c (P.S.I.)	"P"	STRAND	TOTAL NO. OF STRANDS	f'ci (P.S.I.)	(IN.) "A" "B" "B" "C"			TOTAL NO. OF STRANDS	f'ci (P.S.I.) X	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION						
											\vdash						STRUCTURE					
																	CON SPE	ST. C.	1996	DRAWN BY	PLANS CK'D.	
																	45	5" P	RESTRE	ESSED	SHEET	
																	Ή (GIRDI	ER DE1	ΓΔΙΙ S		

EXTERIOR GIRDER -

CL

_#4 BAR AT

TOP VIEW OF GIRDER ENDS

BOT. OF GIRDER

SECTION P

#4 BAR AT TOP OF GIRDER

OUTSIDE FACE

END OF GIRDERS

TOP OF SLAB

8

= 12345678

26-806

DRAPED PATTERN

18-558

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34-1054

38-11**7**8